

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	15	("4602620" "4765320" "4949711" "5095897" "5447490" "5762621" "5857990" "5876363" "5928172" "6063087" "6093162" "6238358" "6371932" "6454681" "6565563").PN.	US-PGPUB; USPAT	OR	ON	2006/11/15 14:11
S2	49	((("20050124464") or ("6240565") or ("5542125") or ("5447490") or ("4790300") or ("4902283") or ("4628544") or ("3602917") or ("4347931") or ("4388733") or ("4497073") or ("4942626") or ("5187815") or ("5361415") or ("5924137") or ("6707447") or ("6760924") or ("20020174477") or ("20060107438") or ("4366812") or ("5672151") or ("6165148") or ("4558694") or ("4862877") or ("6312364") or ("5356371") or ("6740056") or ("20020062095") or ("5884329") or ("5996117") or ("4763556") or ("6393619") or ("5577306") or ("3608708") or ("3601816") or ("3681784") or ("4037790") or ("4416026") or ("4526552") or ("4536890") or ("4580991") or ("4757557") or ("4820229") or ("5494189") or ("5740551") or ("5822796") or ("6213113") or ("6213113") or ("6338162") or ("6371828"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/15 14:12

## EAST Search History

S3	49	((("20050124464") or ("6240565") or ("5542125") or ("5447490") or ("4790300") or ("4902283") or ("4628544") or ("3602917") or ("4347931") or ("4388733") or ("4497073") or ("4942626") or ("5187815") or ("5361415") or ("5924137") or ("6707447") or ("6760924") or ("20020174477") or ("20060107438") or ("4366812") or ("5672151") or ("6165148") or ("4558694") or ("4862877") or ("6312364") or ("5356371") or ("6740056") or ("20020062095") or ("5884329") or ("5996117") or ("4763556") or ("6393619") or ("5577306") or ("3608708") or ("3601816") or ("3681784") or ("4037790") or ("4416026") or ("4526552") or ("4536890") or ("4580991") or ("4757557") or ("4820229") or ("5494189") or ("5740551") or ("5822796") or ("6213113") or ("6213113") or ("6338162") or ("6371828"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/15 14:12
S4	15	("4602620" "4765320" "4949711" "5095897" "5447490" "5762621" "5857990" "5876363" "5928172" "6063087" "6093162" "6238358" "6371932" "6454681" "6565563").PN.	US-PGPUB; USPAT	OR	ON	2007/02/05 13:38

## EAST Search History

S5	49	((("20050124464") or ("6240565") or ("5542125") or ("5447490") or ("4790300") or ("4902283") or ("4628544") or ("3602917") or ("4347931") or ("4388733") or ("4497073") or ("4942626") or ("5187815") or ("5361415") or ("5924137") or ("6707447") or ("6760924") or ("20020174477") or ("20060107438") or ("4366812") or ("5672151") or ("6165148") or ("4558694") or ("4862877") or ("6312364") or ("5356371") or ("6740056") or ("20020062095") or ("5884329") or ("5996117") or ("4763556") or ("6393619") or ("5577306") or ("3608708") or ("3601816") or ("3681784") or ("4037790") or ("4416026") or ("4526552") or ("4536890") or ("4580991") or ("4757557") or ("4820229") or ("5494189") or ("5740551") or ("5822796") or ("6213113") or ("6213113") or ("6338162") or ("6371828"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/05 13:38
S6	49	((("20050124464") or ("6240565") or ("5542125") or ("5447490") or ("4790300") or ("4902283") or ("4628544") or ("3602917") or ("4347931") or ("4388733") or ("4497073") or ("4942626") or ("5187815") or ("5361415") or ("5924137") or ("6707447") or ("6760924") or ("20020174477") or ("20060107438") or ("4366812") or ("5672151") or ("6165148") or ("4558694") or ("4862877") or ("6312364") or ("5356371") or ("6740056") or ("20020062095") or ("5884329") or ("5996117") or ("4763556") or ("6393619") or ("5577306") or ("3608708") or ("3601816") or ("3681784") or ("4037790") or ("4416026") or ("4526552") or ("4536890") or ("4580991") or ("4757557") or ("4820229") or ("5494189") or ("5740551") or ("5822796") or ("6213113") or ("6213113") or ("6338162") or ("6371828"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/05 13:38

## EAST Search History

S7	63	S4 or S5 or S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 14:55
S8	503	((482/44) or (482/47) or (482/48)). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/05 14:55
S9	15	("4602620" "4765320" "4949711" "5095897" "5447490" "5762621" "5857990" "5876363" "5928172" "6063087" "6093162" "6238358" "6371932" "6454681" "6565563").PN.	US-PGPUB; USPAT	OR	ON	2007/02/05 14:55
S10	49	((("20050124464") or ("6240565") or ("5542125") or ("5447490") or ("4790300") or ("4902283") or ("4628544") or ("3602917") or ("4347931") or ("4388733") or ("4497073") or ("4942626") or ("5187815") or ("5361415") or ("5924137") or ("6707447") or ("6760924") or ("20020174477") or ("20060107438") or ("4366812") or ("5672151") or ("6165148") or ("4558694") or ("4862877") or ("6312364") or ("5356371") or ("6740056") or ("20020062095") or ("5884329") or ("5996117") or ("4763556") or ("6393619") or ("5577306") or ("3608708") or ("3601816") or ("3681784") or ("4037790") or ("4416026") or ("4526552") or ("4536890") or ("4580991") or ("4757557") or ("4820229") or ("5494189") or ("5740551") or ("5822796") or ("6213113") or ("6213113") or ("6338162") or ("6371828")).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/05 14:55

## EAST Search History

S11	49	((("20050124464") or ("6240565") or ("5542125") or ("5447490") or ("4790300") or ("4902283") or ("4628544") or ("3602917") or ("4347931") or ("4388733") or ("4497073") or ("4942626") or ("5187815") or ("5361415") or ("5924137") or ("6707447") or ("6760924") or ("20020174477") or ("20060107438") or ("4366812") or ("5672151") or ("6165148") or ("4558694") or ("4862877") or ("6312364") or ("5356371") or ("6740056") or ("20020062095") or ("5884329") or ("5996117") or ("4763556") or ("6393619") or ("5577306") or ("3608708") or ("3601816") or ("3681784") or ("4037790") or ("4416026") or ("4526552") or ("4536890") or ("4580991") or ("4757557") or ("4820229") or ("5494189") or ("5740551") or ("5822796") or ("6213113") or ("6213113") or ("6338162") or ("6371828"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/05 14:55
S12	63	S9 or S10 or S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 14:55
S13	500	S8 not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/05 16:03
S14	880	((602/21) or (602/22) or (601/40)). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/05 16:03
S15	786	S14 not (S8 or S12)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/06 11:50

## EAST Search History

S16	2	priore-al\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/06 13:52
S17	796	((2/163) or (2/168)).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/06 13:53
S18	504	((482/44) or (482/47) or (482/48)). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/06 13:54
S19	15	("4602620" "4765320" "4949711" "5095897" "5447490" "5762621" "5857990" "5876363" "5928172" "6063087" "6093162" "6238358" "6371932" "6454681" "6565563").PN.	US-PGPUB; USPAT	OR	ON	2007/02/06 13:54
S20	49	((("20050124464") or ("6240565") or ("5542125") or ("5447490") or ("4790300") or ("4902283") or ("4628544") or ("3602917") or ("4347931") or ("4388733") or ("4497073") or ("4942626") or ("5187815") or ("5361415") or ("5924137") or ("6707447") or ("6760924") or ("20020174477") or ("20060107438") or ("4366812") or ("5672151") or ("6165148") or ("4558694") or ("4862877") or ("6312364") or ("5356371") or ("6740056") or ("20020062095") or ("5884329") or ("5996117") or ("4763556") or ("6393619") or ("5577306") or ("3608708") or ("3601816") or ("3681784") or ("4037790") or ("4416026") or ("4526552") or ("4536890") or ("4580991") or ("4757557") or ("4820229") or ("5494189") or ("5740551") or ("5822796") or ("6213113") or ("6213113") or ("6338162") or ("6371828"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/06 13:54

## EAST Search History

S21	49	((("20050124464") or ("6240565") or ("5542125") or ("5447490") or ("4790300") or ("4902283") or ("4628544") or ("3602917") or ("4347931") or ("4388733") or ("4497073") or ("4942626") or ("5187815") or ("5361415") or ("5924137") or ("6707447") or ("6760924") or ("20020174477") or ("20060107438") or ("4366812") or ("5672151") or ("6165148") or ("4558694") or ("4862877") or ("6312364") or ("5356371") or ("6740056") or ("20020062095") or ("5884329") or ("5996117") or ("4763556") or ("6393619") or ("5577306") or ("3608708") or ("3601816") or ("3681784") or ("4037790") or ("4416026") or ("4526552") or ("4536890") or ("4580991") or ("4757557") or ("4820229") or ("5494189") or ("5740551") or ("5822796") or ("6213113") or ("6213113") or ("6338162") or ("6371828"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/02/06 13:54
S22	63	S19 or S20 or S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/06 13:54
S23	881	((602/21) or (602/22) or (601/40)). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/06 13:54
S24	788	S17 not (S18 or S23 S22)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:09
S25	228	a63b023/16.ipc. not us.cc.	DERWENT	OR	ON	2007/02/06 14:16
S26	168	a61f005/10.ipc. not us.cc.	DERWENT	OR	ON	2007/02/06 14:16

## EAST Search History

S27	76	(US-20030162634-\$ or US-20060287626-\$ or US-20060264792-\$ or US-20060276735-\$ or US-20050267391-\$ or US-20050273027-\$ or US-20060211964-\$ or US-20050124464-\$ or US-20060149180-\$).did. or (US-5297541-\$ or US-0897471-\$ or US-2108236-\$ or US-5820577-\$ or US-0867981-\$ or US-6093162-\$ or US-6063087-\$ or US-5787896-\$ or US-5527244-\$ or US-6618624-\$ or US-5135217-\$ or US-4602620-\$ or US-6165148-\$ or US-0248980-\$ or US-0494197-\$ or US-4830360-\$ or US-0272951-\$ or US-4615522-\$ or US-5453064-\$ or US-3944220-\$ or US-0585799-\$ or US-7001352-\$ or US-1126938-\$ or US-5447490-\$ or US-6723061-\$ or US-4862877-\$). did. or (US-4881275-\$ or US-5807293-\$ or US-1736930-\$ or US-0818332-\$ or US-3347547-\$ or US-5762621-\$ or US-4949711-\$ or US-7135006-\$ or US-6447464-\$ or US-6059694-\$ or US-5538488-\$ or US-5921945-\$ or US-6450924-\$ or US-4765608-\$ or US-6371932-\$ or US-5876363-\$ or US-4765320-\$ or US-5649541-\$ or US-5520626-\$ or US-5451203-\$ or US-5409447-\$ or US-5295948-\$ or US-5261393-\$ or US-5191903-\$ or US-5178137-\$ or US-5027802-\$ or US-4854310-\$). did. or (US-4781178-\$ or US-4674487-\$ or US-1389741-\$ or US-6553576-\$ or US-5697103-\$ or US-5435013-\$ or US-5373585-\$ or US-5022094-\$ or US-4796306-\$ or US-4766612-\$).did. or (FR-2576512-\$).did. or (KR-2003008189-\$ or GB-2237726-\$ or AU-9532910-\$). did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/02/06 15:37
S28	54	S27 and (elastic or elastomeric or resilient or rubber or spring or stretch or elasticity or resilience)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:18



## EAST Search History

S29	22	S27 not S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:18
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# EAST Search History

S30	387	("0248980"   "0494197"   "0653814"   "0849182"   "0897471"   "1072369"   "1220476"   "1684076"   "1708757"   "1716221"   "1726728"   "1797057"   "1817212"   "1863960"   "1917794"   "1951190"   "20030195093"   "2025357"   "2083935"   "2108236"   "2222180"   "2312523"   "2353129"   "2438144"   "2439100"   "2516241"   "2520035"   "2646796"   "2736034"   "2740121"   "2751598"   "2827635"   "2852779"   "2863449"   "3057354"   "3063749"   "3100302"   "3105972"   "3117786"   "3152337"   "3164841"   "3228035"   "3298366"   "3306288"   "3333850"   "3347547"   "3348238"   "3416158"   "3421500"   "3532344"   "3555564"   "3559212"   "3581312"   "3581740"   "3593803"   "3597765"   "3605117"   "3605120"   "3606316"   "3680549"   "3703894"   "3732575"   "3756222"   "3779550"   "3782719"   "3788307"   "3815587"   "3818905"   "3880426"   "3903878"   "3911497"   "3938509"   "3944220"   "4041940"   "4047250"   "4051553"   "4084267"   "4084586"   "4146935"   "4167044"   "4173218"   "4183098"   "4183100"   "4214579"   "4220875"   "4272849"   "4281647"   "4341331"   "4366812"   "4368883"   "4384571"   "4417570"   "4451044"   "4522197"   "4558694"   "4565195"   "4573456"   "4584993"   "4602620"   "4635300"   "4644938"   "4665900"   "4675914"   "4677971"   "4684123"   "4698850"   "4706658"   "4716892"   "4719906"   "4751749"   "4763940"   "4765319"   "4765320"   "4765608"   "4766612"   "4772012"   "4781178"   "4782825"   "4787376"   "4790300"   "4790301"   "4796306"   "4798199"   "4807609").PN. OR ("4809688"   "4830360"   "4831997"   "4854309"   "4858246"   "4875469"   "4881275"   "4883073"   "4887616"   "4911150"   "4925187"   "4930162"   "4945902"   "4945925"   "4949711"   "4955370"   "4960114"   "4977890"   "4984300"   "5010878"   "5018771"   "5022004"	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:25
2/8/07 11:53:49 AM	C:\Documents and Settings\Wang\My Documents\EAST\Workspaces\10730706.wsp					Page 10

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## EAST Search History

S31	202	S30 not (S17 S18 S22 S23 S27)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/02/06 16:27
S32	1	("2003/0195093").URPN.	USPAT	OR	ON	2007/02/06 16:34
S33	14	("1951190").URPN.	USPAT	OR	ON	2007/02/06 16:34
S34	15	("0849182"   "0897471"   "2108236"   "3347547"   "3605117"   "4766612"   "5231700"   "5601529"   "5640712").PN. OR ("6059694").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 16:27
S35	4	((("5036838") or ("5447490")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/07 16:27
S36	110	("0458804"   "0653814"   "1250818"   "1512558"   "1684076"   "1716221"   "1726728"   "1917794"   "2060001"   "2070810"   "2250766"   "2312523"   "3036831"   "3117786"   "3152337"   "3189025"   "3555564"   "3581740"   "3605120"   "3680549"   "3703894"   "3779550"   "3788307"   "3818905"   "3903878"   "3911497"   "3944220"   "4041940"   "4167044"   "4169467"   "4169469"   "4173218"   "4183098"   "4382439"   "4417570"   "4451044"   "4558694"   "4565195"   "4573456"   "4674487"   "4675914"   "4698850"   "4704742"   "4716892"   "4719906"   "4765319"   "4768502"   "4781178"   "4782825"   "4787376"   "4798199"   "4807609"   "4883073"   "4899916"   "4911150"   "4925187"   "4945925"   "4949711"   "4960114"   "4977890"   "4984592"   "5363508").PN. OR ("4615522"   "4674487"   "4854310"   "5295948"   "5520626"   "5921945").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:50
S37	13	("1917794"   "2477126"   "3680549"   "4382439"   "4732142"   "5279545"   "5415623"   "5520626"   "5746707").PN. OR ("5971945").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 19:01

## EAST Search History

S38	19	("2516253"   "2949111"   "3171407").PN. OR ("3680549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:12
S39	33	("2903389"   "3048169"   "3059636"   "3110307"   "3121430"   "3373741"   "3415243"   "3674021"   "3680549"   "3782390"   "3919724"   "4006741"   "4019506"   "4193395").PN. OR ("4306549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:13
S40	10	("0653814"   "1684076"   "1917794"   "3680549").PN. OR ("4674487").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:14
S41	8	("1917794").URPN.	USPAT	OR	ON	2007/02/08 11:19
S42	2	("4615522").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/02/08 11:19
S43	6	("3189025").PN. OR ("4615522").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 11:19